

The background of the slide is a blue-tinted photograph of the Utah State Capitol building, focusing on the large dome and the classical columns of the portico.

2017 Annual Report

Summary of Best Practices to Improve Air Quality

Michelle Brown

Coordinator of Resource Stewardship

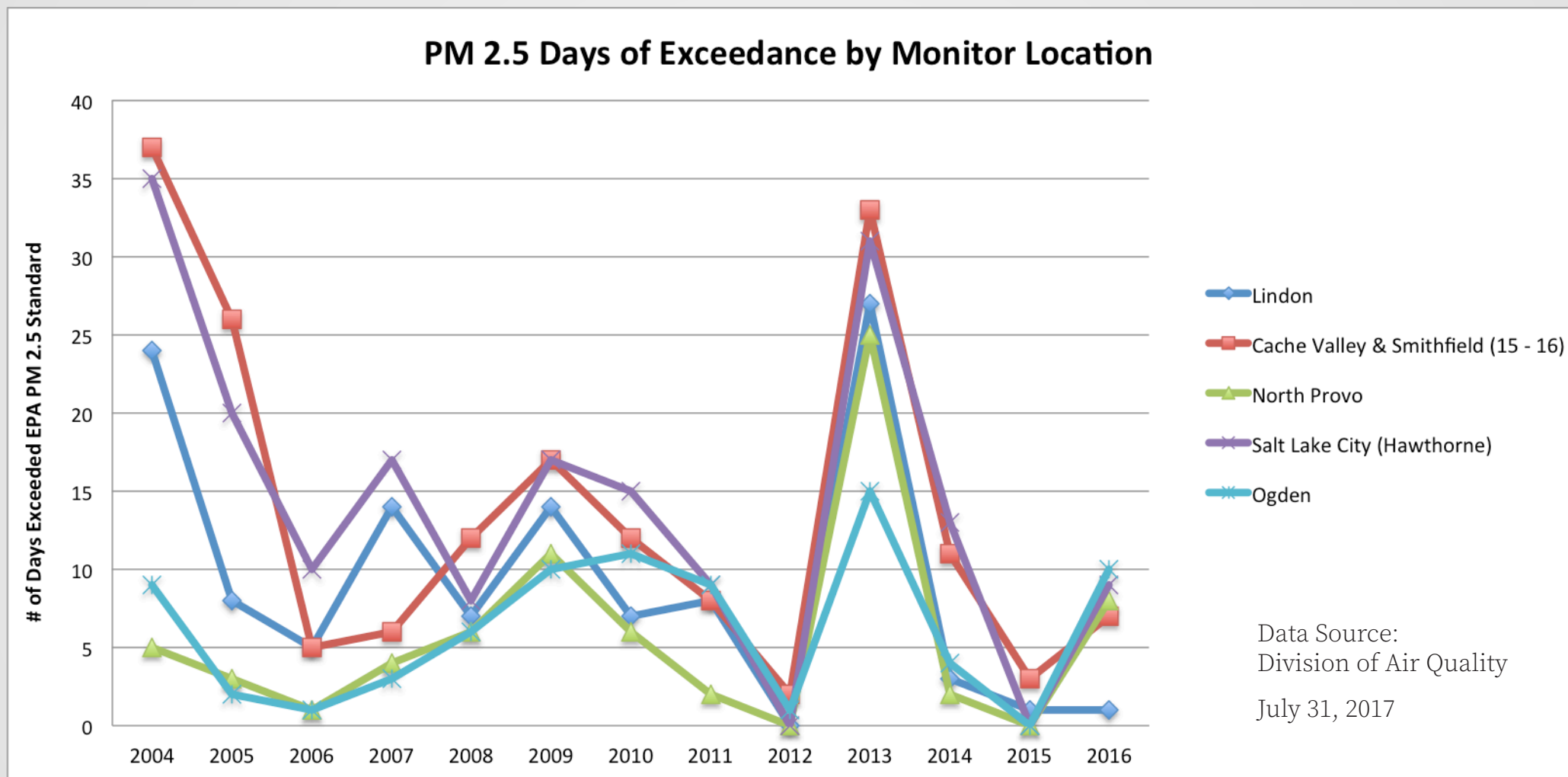
August 23, 2017



Air Quality Overview

- Agency Collaboration
- UTA Ridership
- Telematics
- Fuel Monitoring
- Emissions
- On-Demand Motorpool
- Solar
- Telecommunications
- Questions

PM 2.5 Days of Exceedance



* 2013 Spike: Due to irregular weather patterns



Air Quality Overview

**Agency
Collaboration**

UTA Ridership

Telematics

Fuel Monitoring

Emissions

On-Demand
Motorpool

Solar

Telecommunications

Questions

Agency Collaboration

Stewardship
Liaisons

Board of
Education

Department of
Alcoholic
Beverage
Control

- Agency representation and collaboration on clean air best practices





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UTA Ridership

Utah Transit Authority (UTA)

- State employees rode UTA transportation 610,091 times
- Save emissions and parking spaces
- Capitol Connector





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Telematics

Division of Fleet Operations (DFO)

- Large-scale pilot program
- 1,000 vehicles installed with units across 6 agencies
- Up to 83% improvement in emissions





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**Fuel
Monitoring**

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Fuel Site Monitoring Upgrade Pilot Program

Division of Fleet Operations (DFO)

- Pilot Program
- More accurate & greater data volume
- 100,000 miles/year avoided by remote inspection



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Emissions Used as a SUCCESS Metric

Division of Fleet Operations (DFO)

- 873 vehicles replaced this year
- Replaced with:
 - Hybrid vehicles
 - Bi-fuels
 - Tier 3 vehicles





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**On-Demand
Motorpool**

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Telecommunications

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Expansion of On-Demand Motorpool

Division of
Fleet
Operations
(DFO)

Enterprise
Rent-A-Car

- 100 vehicles replaced with Enterprise vehicles
- 5 locations in operation with 20 agencies





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Advancement in Solar

Weber State
University
(WSU)

- Solar project powers Davis campus
- Carbon Neutral by 2050





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Solar
Tele-
communications
Questions

Telecommunications for the Office

Learning
Management
System (LMS)

National
Association of
State
Procurement
Officials
(NASPO)

- 96,817 trips saved
- 2016 NASPO grant funding
- Online training terminal
- Emission reduction through trip reduction





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Questions?

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